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SECRET

SECURITY

OUT59818

multi

P 150320Z 1966 SEP 15 05 27Z
FM NPIC WASHDC
TO RUCBCR/CG EIGHTEENTH AIRBORNE
RUCBCR/CG USA SPWARCEN FT BRAGG NC
RUCBCR/CONTIC, FORT BRAGG, N.C.
RUCIFTA/ACIC ST LOUIS MO
RUCKEHB/2ND MARDIV, CP LEJUNE, NC
RUCKEK/2ND MAW, CHERRY POINT, NC
RUCKHC/CINCLANT
RUCKHC/CINCLANTFLT
RUCKHC/LANTINTCEN
RUCKHD/CG FMFLANT
RUCKKN/MAG THREE TWO, BEAUFORT, SC
RUCKUA/JARCC KEY WEST
RUCKUD/CMDR KEY WEST FORCES
RUCSC/SAC OFFUTT AFB OMAHA NEB
RUCSC/544TH AEROSPACE RTECHWG OFFUTT AFB OMAHA NEB
RUCVAA/4080TH STRAT WG OL 19 BARKSDALE AFB LA
RUEDPSA/CINCSTRIKE MACDILL AFB FLA
RUEDFIF/FTD WPAFB DAYTON OHIO
RUEDNBA/COMDR TAC LAFBVA
RUEDNBA/4444TH RTS LAFBVA
RUEDHQA/HQS USAF WASHDC
RUEKDA/DIA WASHDC/CIIC-3-A-2
RUEKDA/DIA PROD CTR
RUEKDA/NIC WASHDC
RUECD/FSTC WASHDC
RUECEM/CMC (CODE AO-2C)
RUECW/CNO WASHDC
RUECYH/NAVRECONTECHSUPPCEN SUITLAND MD
RUEKC/ANMCC FT RITCHIE MD
RUEKDA/JCS/J-2 WASHDC
RUEKMJ/NEACP ANDREWS AFB MD
RUEOBNA/USAINTC/USAPIC, FT HOLABIRD, MD
RUEPCR/DIRNSA
RUEPDA/ACSI DA WASHDC
RUEPIA/CIA WASHDC
RULNC/NECPA NORFOLK VA
RULGGB/NAS GTMO (FOR AIO)
RULGGCR/COMNAVBASE GTMO
RULGN/COMCARIBSEAFRON
RUWONLB/CINCONAD ENT AFB COLO
RUWPSW/CO WHITE SANDS MISSILE RANGE
RUWTPSA/363RD TAC RECON WG SHAW AFB SC

15 SEP 1966

DISTRIBUTION 7

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RUWGGN/MONTGOMERY AIR DEF SECTOR GUNTER AFB ALA
RUWTRJA/4409TH SUPPORT SQD MACDILL AFB FLA
BT
S E C R E T  CITE NPIC 8481.

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 8121, 13 SEP 66.

((TEXT WHICH FOLLOWED WAS IDENTICAL TO THAT OF THE ABOVE REF'D REPORT))

S E C R E T

END OF MESSAGE

((ALSO PASSED [redacted]

25X1

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION 8121 ON 13 SEP 66. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C @CLEAR¤, SC @SCATTERED CLOUD COVER¤, HC @HEAVY CLOUD COVER¤, H @HAZE¤, CS @CLOUD SHADOW¤, SD @SEMIDARKNESS¤, GC @GROUND COVER¤, CF @CAMOUFLAGE¤, O @OBLIQUITY¤, AND GR @GROUND RESOLUTION¤.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD¤, F @FAIR¤, OR P @POOR¤. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL¤ OR PT @PARTIAL¤. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO¤, NS @NONSTEREO¤, OR PS @PARTIAL STEREO¤.

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT @ZPU-2, ZPU-4, AND 37MM¤, MEDIUM @57MM AND 85MM¤, AND HEAVY @100MM AND LARGER¤. WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED¤.

MISSILES

LOS ANGELES SAM SITE A06-2 CU 2100N 07541W
OB -- 6 EMPLACED LAUNCHERS @3 WITH EXPOSED MISSILES¤, 10 MISSILE TRANSPORTERS @5 WITH EXPOSED MISSILES¤, A FAN SONG RADAR WITH 4 ASSOCIATED VAN TRAILERS, 3 ADDITIONAL VAN TRAILERS, AND 2 CARGO TRUCKS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W
OB -- 6 EMPLACED LAUNCHERS @4 WITH MISSILES¤, 7 MISSILE TRANSPORTERS @1 WITHOUT PRIME MOVER¤, A GUIDANCE RADAR WITH SHED-COVERED EQUIPMENT, AND 6 OTHER VEHICLES/PIECES OF EQUIPMENT.

[redacted] 25X1

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553W
OB -- 7 EXPOSED MISSILES ON DOLLIES, 6 MISSILE TRANSPORTERS @3 CANVAS COVERED¤, NUMEROUS MISSILE CANISTERS, 4 FLATBED TRACTOR-TRAILER TRUCKS, AND 14 OTHER VEHICLES.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SANTIAGO SAM TRAINING AREA CU 1958N 07551W
OB -- 29 CARGO TRUCKS AND 10 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W
OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES¤, 8 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, 7 CARGO TRUCKS, AND 3 OTHER VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

AIR FACILITIES

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W
OB -- 1 C-46 OBSERVED IN CLOUD-FREE AREAS.

[redacted] 25X1

LOS CANOS AIRFIELD CU 2005N 07509W
OB -- NONE OBSERVED.

[redacted] 25X1

ANTONIO MACEO AIRFIELD CU 1958N 07550W
OB -- 2 C-47, 2 LIAISON, AND 2 HOUND.

[redacted] 25X1

NAVAL ACTIVITY/PORTS

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OB -- NONE OBSERVED.
OTHER VESSELS -- 3 LARGE FREIGHTERS AND 1 COASTAL FREIGHTER.

[redacted] 25X1

NUEVITAS PORT CU 2132N 07715W
VESSELS -- 3 LARGE FREIGHTERS.

[redacted] 25X1

LA ISABELA PORT CU 2256N 08000W
VESSELS -- NONE OBSERVED IN CLOUD-FREE AREAS.

[redacted] 25X1

ELECTRONICS/COMMUNICATIONS

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W
OB -- NONE OBSERVED.
ACTIVITY -- 16 TRACKED PRIME MOVERS, 35 CARGO TRUCKS, AND 11 VAN TRUCKS.

[redacted] 25X1

PUNTA MAISI LOW SIEVE RADAR SITE CU 2014N 07409W
OB -- 1 LOW SIEVE RADAR.

[redacted] 25X1

VARADERO LOW SIEVE RADAR SITE CU 2311N 08108W
OB -- 1 PROBABLE LOW SIEVE RADAR.

[redacted] 25X1

PUNTA MULAS SUSPECT LOW SIEVE RADAR SITE CU 2101N 07535W
NO RADAR OBSERVED.

[redacted] 25X1

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2029N 07600W
OB -- 20 PROBABLE TANKS/SP GUNS, 18 PROBABLE BTR 60-P, 26 FA PIECES, 22 PROBABLE FA PIECES, AND 98 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

DOS CAMINOS MILITARY CAMP CU 2014N 07547W
OB -- AT LEAST 150 VEHICLES.
NO APPARENT CHANGE IN FACILITIES IN CLOUD-FREE AREAS.
SCATTERED CLOUDS AND HAZE LIMIT INTERPRETATION.

[redacted] 25X1

GUANTANAMO AREA CU 2018N 07525W
NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.
AREA 1 -- 60 PERCENT USEABLE COVERAGE.
AREA 2 -- 40 PERCENT USEABLE COVERAGE.
AREA 3 -- 50 PERCENT USEABLE COVERAGE.
AREAS 4 AND 5 -- 75 PERCENT USEABLE COVERAGE.
AREA 6 -- 80 PERCENT USEABLE COVERAGE.
AREA 7 -- 55 PERCENT USEABLE COVERAGE.
AREA 8 -- 60 PERCENT USEABLE COVERAGE.
AREA 9 -- 100 PERCENT USEABLE COVERAGE.

[redacted] 25X1

HOLGUIN MILITARY CAMP CU 2053N 07613W
OB -- AT LEAST 200 VEHICLES/PIECES OF EQUIPMENT.
CLOUD SHADOW AND OBLIQUITY LIMIT INTERPRETATION.

[redacted] 25X1

HOLGUIN MILITARY CAMP NW CU 2057N 07616W
OB -- 15 FA/AAA PIECES, 13 PROBABLE CARGO TRUCKS, AND 3 OTHER VEHICLES.
OBLIQUITY LIMITS INTERPRETATION.

[redacted] 25X1

REMEDIOS MILITARY AREA CU 2227N 07935W
OB -- 17 FA PIECES, 15 MORTARS, 24 CARGO TRUCKS, AND 9 OTHER VEHICLES/PIECES OF EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

CORRALILLO MILITARY AREA CU 2301N 08038W
OB -- NONE OBSERVED.

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CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1

CUABITAS MILITARY CAMP CU 2003N 07548W
OB -- 12 TANKS/SP GUNS, 22 CARGO TRUCKS, 12 VAN TRUCKS, AND 11 UTILITY TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

LA QUINTA MILITARY CAMP CU 2002N 07551W
OB -- 9 FA PIECES, 8 MORTARS, AND 32 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

MINAS MILITARY CAMP CU 2127N 07734W
OB -- 19 TANKS/SP GUNS, 19 CARGO TRUCKS, AND 4 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.
5 A PROBABLE MOVABLE TARGET FIRING RANGE IS UNDER CONSTRUCTION ADJACENT TO THE VEHICLE PARKING AREA.

25X1

OFELIA MILITARY CAMP CU 2006N 07530W
OB -- 12 TANKS/SP GUNS, 28 FA PIECES, 13 AAA PIECES, 10 MORTARS, 32 POSSIBLE MORTARS, 4 TRACKED PRIME MOVERS, AND 65 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.
NO APPARENT CHANGE IN FACILITIES.

25X1

PUERTO PADRE MILITARY AREA CU 2111N 07639W
OB -- 6 FA PIECES, 4 MORTARS, AND 30 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA ISABEL FINCA MILITARY CAMP CU 2005N 07528W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE CUBA MILITARY CAMP NW CU 2003N 07554W
6 OB -- 12 FA PIECES AND 36 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE CUBA MILITARY CAMP CU 2003N 07553W
OB -- 32 FA PIECES, 13 AAA PIECES, 18 PROBABLE AAA PIECES, 4 MORTARS, 102 CARGO TRUCKS, 12 UTILITY TRUCKS, AND 8 CARGO TRAILERS.
NO APPARENT CHANGE IN FACILITIES.

25X1

MOA @PUNTA GORDA@ LANDING BEACH CU 2039N 07453W
NO NEW MILITARY ACTIVITY OBSERVED.

25X1

CAYO DE SABINAL LANDING BEACH CU 2144N 07728W
NO MILITARY ACTIVITY OBSERVED.

25X1

PENINSULA DE HICACOS LANDING BEACH CU 2311N 08130W
NO MILITARY ACTIVITY OBSERVED.

25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

| | |
|---|---|
| 7 LOS ANGELES RADAR SITE 1 | 2100N 07541W |
| SIBONEY LANDING BEACH | 1957N 07542W |
| PLAYA YATERITAS LANDING BEACH | 1958N 07457W |
| MAR VERDE LANDING BEACH | 1957N 07556W |
| IMIAS LANDING BEACH | 2005N 07440W |
| GANUZA LANDING BEACH | 2305N 08030W |

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

| | |
|---|---|
| HOLGUIN SAM SITE B27-2 | 2052N 07627W |
| SANTA CLARA SAM SITE A34-2 | 2229N 08000W |
| LA VEGUITA SAM ASSEMBLY AREA | 2049N 07615W |
| LA MAYA SAM SITE | 2014N 07540W |
| CAMILO CIENFUEGOS AIRFIELD | 2229N 07956W |
| HOLGUIN AIRFIELD | 2047N 07618W |
| CAIBARIEN PORT | 2231N 07928W |
| SANTIAGO DE CUBA EW/GCI RADAR SITE 2 | 2005N 07551W |
| LA SOCAPA LOW SIEVE RADAR SITE | 1958N 07552W |
| SAGUA LA GRANDE EW/GCI RADAR SITE 2 | 2248N 08006W |
| LA CHARCA MILITARY ACTIVITY | 2246N 08036W |

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